

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| S1    | 820  | (370/432).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2007/05/16<br>09:29 |
| S2    | 29   | S1 and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) same (link or channel)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/05/16<br>09:34 |
| S3    | 77   | S1 and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point"))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/05/16<br>11:17 |
| S4    | 5    | S1 and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) same ((link or channel) with (energy or power or quality or interference or qos))                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/05/16<br>09:39 |
| S5    | 126  | ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) same ((link or channel) with (energy or power or quality or interference or qos))                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/05/16<br>09:46 |
| S6    | 17   | ((point near5 multipoint) or ("point-to-multipoint")) and (request\$3 with ((point near5 point) or ("point-to-point"))) same ((link or channel) with (energy or power or quality or interference or qos))              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/05/16<br>10:10 |
| S7    | 474  | ((point near5 multipoint) or ("point-to-multipoint")) and (request\$3 or switch\$3 with ((point near5 point) or ("point-to-point"))) same ((link or channel) with (energy or power or quality or interference or qos)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2007/05/16<br>10:15 |

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| S8  | 67   | ((point near5 multipoint) or ("point-to-multipoint")) same (switch\$3 or chang\$3 or request\$3 or demand\$3) adj ((point near5 point) or ("point-to-point"))                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>10:49 |
| S9  | 3332 | (mobile or base or radio or wireless) and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point"))                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>10:50 |
| S10 | 65   | S1 and (mobile or base or radio or wireless) and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point"))                         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:16 |
| S11 | 1088 | (370/390).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/05/16<br>11:16 |
| S12 | 87   | S11 and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point"))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:17 |
| S13 | 33   | S11 and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) and (mobile or wireless or radio or base near3 station)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:32 |
| S14 | 444  | (370/312).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/05/16<br>11:32 |
| S15 | 46   | S14 and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) and (mobile or wireless or radio or base near3 station)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:37 |
| S16 | 1072 | "370"/.clas. and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) and (mobile or wireless or radio or base near3 station) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:38 |

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| S17 | 189    | "370"/.clas. and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) and (mobile or wireless or radio or base near3 station) and (measur\$3 or determin\$3 or calculat\$3) near3 (interference or energy or power)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:40 |
| S18 | 7      | "370"/.clas. and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) same (measur\$3 or determin\$3 or calculat\$3) near3 (interference or energy or power) and (mobile or wireless or radio or base near3 station)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:47 |
| S19 | 2      | "455"/.clas. and ((point near5 multipoint) or ("point-to-multipoint")) same ((point near5 point) or ("point-to-point")) same (measur\$3 or determin\$3 or calculat\$3) near3 (interference or energy or power) and (mobile or wireless or radio or base near3 station)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:48 |
| S20 | 0      | "455"/.clas. and ((point near5 multipoint) or ("point-to-multipoint")) same ((point\$1to\$1point) or ("point-to-point")) same (measur\$3 or determin\$3 or calculat\$3) near3 (interference or energy or power) and (mobile or wireless or radio or base near3 station) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:49 |
| S21 | 2      | ((point near5 multipoint) or ("point-to-multipoint")) same ((point\$1to\$1point) or ("point-to-point")) same (measur\$3 or determin\$3 or calculat\$3) near3 (interference or energy or power) and (mobile or wireless or radio or base near3 station)                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>11:56 |
| S22 | 29     | ((link or channel or path) near3 quality) with ((point near5 multipoint) or ("point-to-multipoint"))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>12:57 |
| S23 | 2      | ("6,430,193").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/05/16<br>13:57 |
| S24 | 264134 | broadcast\$3 or multicast\$3 same ((measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (interference or noise or energy or power) with (response or request or reply or ack))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>14:00 |

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| S25 | 315 | (broadcast\$3 or multicast\$3) same ((measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (interference or noise or energy or power) with (response or request or reply or ack))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>15:02 |
| S26 | 395 | "370"/.clas. and (broadcast\$3 or multicast\$3 or simulcast\$3) with (measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (interference or noise or energy or power)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>15:04 |
| S27 | 630 | (broadcast\$3 or multicast\$3 or simulcast\$3) near5 (measur\$3 or determine\$3 or calculat\$3 or comput\$3) near5 (interference or noise or energy or power)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>15:06 |
| S28 | 11  | (broadcast\$3 or multicast\$3 or simulcast\$3) near5 (measur\$3 or determine\$3 or calculat\$3 or comput\$3) near3 (downlink or forward adj link) near3 (interference or noise or energy or power)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>15:09 |
| S29 | 1   | (broadcast\$3 or multicast\$3 or simulcast\$3) with (measur\$3 or determine\$3 or calculat\$3 or comput\$3) near3 (downlink or forward adj link) near3 (interference or noise or energy or power) same (request\$3 unicast\$3)                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>15:14 |
| S30 | 0   | (broadcast\$3 or multicast\$3 or simulcast\$3) with (measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (downlink or forward adj link) near3 (interference or noise or energy or power) same (request\$3 near3 (unicast\$3 or broadcast\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>15:15 |
| S31 | 26  | (broadcast\$3 or multicast\$3 or simulcast\$3) with (measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (downlink or forward adj link) near3 (interference or noise or energy or power) same (unicast\$3 or broadcast\$3)                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>15:17 |
| S32 | 0   | (broadcast\$3 or multicast\$3 or simulcast\$3) with (measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (downlink or forward adj link) near3 (interference or noise or energy or power) same unicast\$3                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>15:18 |

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| S33 | 2     | (broadcast\$3 or multicast\$3 or simulcast\$3) with (measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (downlink or forward adj link) with (interference or noise or energy or power) same unicast\$3 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>15:18 |
| S34 | 2     | (broadcast\$3 or multicast\$3 or simulcast\$3) with (measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (downlink or forward adj link) with (interference or noise or energy or power) and unicast\$3  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>15:19 |
| S35 | 84    | (broadcast\$3 or multicast\$3 or simulcast\$3) with (measur\$3 or determine\$3 or calculat\$3 or comput\$3) with (downlink or forward adj link) with (interference or noise or energy or power)                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>16:33 |
| S36 | 16273 | broadcast\$3 with (quality or failure or error)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>16:34 |
| S37 | 1070  | (370/216).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/05/16<br>16:34 |
| S38 | 450   | (370/225).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/05/16<br>16:34 |
| S39 | 795   | (370/228).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/05/16<br>16:34 |
| S40 | 43    | S37 and broadcast\$3 with (quality or failure or error)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>16:38 |
| S41 | 0     | S37 and simulcast\$3 with (quality or failure or error)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/16<br>16:38 |

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| S42 | 1494 | request\$3 with unicast   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:39 |
| S43 | 51   | broadcast\$3 with request\$3 adj unicast  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:43 |
| S44 | 0    | (measur\$3 or determin\$3 or calculat\$3) near3 (energy or interference or noise or power) with request\$3 near3 unicast                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:45 |
| S45 | 0    | (measur\$3 or determin\$3 or calculat\$3) near3 (energy or interference or noise or power) same request\$3 near3 unicast                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:46 |
| S46 | 26   | (measur\$3 or determin\$3 or calculat\$3) near3 (energy or interference or noise or power) and request\$3 near3 unicast                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:47 |
| S47 | 0    | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) same request\$3 near3 unicast                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:47 |
| S48 | 39   | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) same request\$3 near3 broadcast                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:48 |
| S49 | 525  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) same request\$3 near3 (channel or frequency)                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:49 |
| S50 | 0    | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) same request\$3 near3 (single adj channel or single adj frequency) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>16:50 |

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| S51 | 88 | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) same request\$3 adj channel   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:00 |
| S52 | 22 | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) same request\$3 near3 new near3 channel   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:06 |
| S53 | 0  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 current near3 (channel or link) same request\$3 adj (new or different) adj (channel or link)      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:08 |
| S54 | 0  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 current near3 (channel or link) same request\$3 near4 (new or different) near4 (channel or link)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:09 |
| S55 | 0  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 existing near3 (channel or link) same request\$3 near4 (new or different) near4 (channel or link) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:09 |
| S56 | 4  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 first near3 (channel or link) same request\$3 near4 second near4 (channel or link)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:21 |
| S57 | 0  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 first near3 (channel or link) same request\$3 near4 another near4 (channel or link)               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:14 |
| S58 | 0  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 first near3 (channel or link) same request\$3 near4 different near4 (channel or link)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:14 |
| S59 | 9  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 first near3 (channel or link) same request\$3 near5 (channel or link)                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:15 |

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| S60 | 0    | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 first near3 (channel or link) same request\$3 near3 (handoff or handover) near3 (another or second or different) near3 (channel or link) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:22 |
| S61 | 0    | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 first near3 (channel or link) same request\$3 near3 (handoff or handover) near5 (channel or link)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:23 |
| S62 | 7    | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 first near3 (channel or link) same request\$3 near3 (channel or link)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:24 |
| S63 | 227  | (measur\$3 or determin\$3 or calculat\$3) near7 (energy or interference or noise or power) near3 (channel or link) same request\$3 near3 (channel or link)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/16<br>17:25 |
| S64 | 468  | (mobile or subscriber) near5 (measur\$3 or determin\$3 or calculat\$3) near3 broadcast  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>08:44 |
| S65 | 1067 | (mobile or subscriber) near7 (measur\$3 or determin\$3 or calculat\$3) near7 broadcast  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>09:40 |
| S66 | 11   | (link or channel or path) same (mean near3 error probability) same (maximum near3 bit near3 error near3 probability)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>09:44 |
| S67 | 8    | coefficient near3 probability near3 bit near3 error   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:12 |



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| S68 | 2278    | (link or path) near3 quality same service  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:13 |
| S69 | 1683    | (link or path) near3 quality with service  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:14 |
| S70 | 28      | (link or path) near3 quality with (plurality or multiple) near3 service  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:19 |
| S71 | 7190580 | (transmit\$3 or receive\$3)(link or path) near3 quality with (plurality or multiple) near3 service                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:20 |
| S72 | 1       | (transmit\$3 or receive\$3) near3 (link or path) near3 quality with (plurality or multiple) near3 service                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:20 |
| S73 | 1       | (transmit\$3 or receive\$3) near3 (link or path) near3 quality with (plurality or multiple) near3 service                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:21 |
| S74 | 60      | (transmit\$3 or receive\$3) near3 quality with (plurality or multiple) near3 service   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:32 |
| S75 | 13      | (transmit\$3 or receive\$3) near3 quality with (plurality or multiple) near3 (multicast or broadcast or simulcast) near3 service | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/17<br>10:33 |
| S76 | 3926    | ((point near5 point) or ("point-to-point")) same ((point near5 multipoint) or ("point-to-multipoint"))                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:07 |

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| S77 | 279256 | ((link or channel) with (quality or energy or power or interference))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:07 |
| S78 | 1168   | S76 and S77  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:07 |
| S79 | 95     | ((point near5 point) or ("point-to-point")) same ((point near5 multipoint) or ("point-to-multipoint")) same ((link or channel) with (interference or energy or power)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:09 |
| S80 | 95     | ((point near5 point) or ("point-to-point")) same ((point near5 multipoint) or ("point-to-multipoint")) same ((link or channel) with (interference or energy or power)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:35 |
| S81 | 30     | ((point near5 point) or ("point-to-point")) same ((point near5 multipoint) or ("point-to-multipoint")) same transition and multicast\$3                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:46 |
| S82 | 30     | ((point near5 point) or ("point-to-point")) same ((point near5 multipoint) or ("point-to-multipoint")) same transition\$3 and multicast\$3                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:46 |
| S83 | 228    | ((point near5 point) or ("point-to-point")) same ((point near5 multipoint) or ("point-to-multipoint")) same switch \$3 and multicast\$3                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:46 |
| S84 | 142    | ((point near5 point) or ("point-to-point")) same ((point near5 multipoint) or ("point-to-multipoint")) with switch\$3 and multicast\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:47 |
| S85 | 119    | ((point near5 point) or ("point-to-point")) with ((point near5 multipoint) or ("point-to-multipoint")) with switch\$3 and multicast\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>09:48 |

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| S86 | 9  | ((point near5 point) or ("point-to-point")) with ((point near5 multipoint) or ("point-to-multipoint")) with switch\$3 with (qos or energy or power or interference) and multicast\$3  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/18<br>09:50 |
| S87 | 11 | ((point near5 point) or ("point-to-point")) with ((point near5 multipoint) or ("point-to-multipoint")) same switch\$3 with (qos or energy or power or interference) and multicast\$3  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/18<br>09:51 |
| S88 | 2  | ("5881368").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/05/18<br>09:52 |
| S89 | 2  | ("6374085").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/05/18<br>09:53 |
| S90 | 2  | "20010046877"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/18<br>13:32 |
| S91 | 5  | (estimat\$3 or determin\$3 or measur\$3 or calculat\$) with (qos or energy or power or interference) same (switch\$3 or transit\$7) same (("point-to-point") or (point near4 point)) same (("point-to-multipoint") or (point near4 multipoint))               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/18<br>13:51 |
| S92 | 6  | (estimat\$3 or determin\$3 or measur\$3 or calculat\$) with (qos or energy or power or interference) same (switch\$3 or transit\$7) same (("point-to-point") or (point near4 point) or ptp) same (("point-to-multipoint") or (point near4 multipoint) or ptm) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/18<br>15:53 |
| S93 | 6  | (estimat\$3 or determin\$3 or measur\$3 or calculat\$) with (qos or energy or power or interference) same (switch\$3 or transit\$7) same (("point-to-point") or (point near4 point) or ptp) same (("point-to-multipoint") or (point near4 multipoint) or ptm) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2007/05/18<br>13:53 |

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| S94  | 17244 | "370"/.clas. and (policy or rule)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>15:54 |
| S95  | 511   | "370"/.clas. and (policy or rule) and synchronization with (table or database)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>15:54 |
| S96  | 98    | "370"/.clas. and (policy or rule) same synchronization with (table or database)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>15:55 |
| S97  | 1     | "370"/.clas. and (policy or rule) same synchronization with local near3 (table or database) with (common or global) near3 (table or database)                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>15:56 |
| S98  | 3     | "370"/.clas. and (policy or rule) same synchronization with local near3 (table or database)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>15:57 |
| S99  | 98    | "370"/.clas. and (policy or rule) same synchronization with (table or database)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>16:08 |
| S100 | 154   | "707"/.clas. and (policy or rule) same synchronization with (table or database)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>16:15 |
| S101 | 109   | "709"/.clas. and (policy or rule) same synchronization with (table or database)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/18<br>16:15 |
| S102 | 529   | (measur\$3 or determin\$3 or calculat\$3) with (point near5 point) or ("point-to-point") with (((link or channel) with (quality or energy or power or interference)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/23<br>10:54 |

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| S103 | 32  | (measur\$3 or determin\$3 or calculat\$3) with (point near5 point) or ("point-to-point")) with (((link or channel) with (quality or energy or power or interference)) same broadcast\$3 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/23<br>13:35 |
| S104 | 293 | base near3 station with releas\$3 near (link or channel or path)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/05/23<br>13:36 |
| S105 | 188 | switch\$3 with point\$4multipoint with point\$4point  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/30<br>09:47 |
| S106 | 188 | switch\$3 with point\$4multipoint with point\$4point  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2007/10/30<br>14:22 |
| S107 | 3   | switch\$3 with point\$4multipoint with point\$4point same qos   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2007/10/30<br>14:22 |
| S108 | 33  | point\$4multipoint with point\$4point same qos  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2007/10/30<br>14:26 |
| S109 | 12  | ptp with ptm same qos   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2007/10/30<br>14:41 |
| S110 | 0   | (request\$3 or query\$3) near5 ptp same ptm same qos  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2007/10/30<br>14:42 |
| S111 | 0   | (request\$3 or query\$3) with ptp same ptm same qos   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2007/10/30<br>14:42 |
| S112 | 19  | (request\$3 or query\$3) with unicast\$3 same multicast\$3 same qos   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2007/10/30<br>14:42 |

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| S113 | 3947  | (370/252).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2007/10/31<br>07:44 |
| S114 | 1     | S113 and ptp with ptm same qos   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | OR | ON  | 2007/10/31<br>07:44 |
| S115 | 0     | S113 and point\$4point with point\$4multipoint same qos                              | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | OR | ON  | 2007/10/31<br>07:45 |
| S116 | 2638  | (370/328).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT      | OR | OFF | 2007/10/31<br>07:45 |
| S117 | 0     | S116 and point\$4point with point\$4multipoint same qos                              | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | OR | ON  | 2007/10/31<br>07:45 |
| S118 | 2283  | (455/466).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT      | OR | OFF | 2007/11/06<br>07:25 |
| S119 | 2     | "20030220119"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT      | OR | ON  | 2008/03/27<br>14:11 |
| S120 | 4718  | (370/338).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT      | OR | OFF | 2008/03/27<br>14:29 |
| S121 | 0     | S119 and (request\$3 or query\$3) same (multicast\$3 or broadcast\$3 or simlcast\$3) | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | OR | ON  | 2008/03/27<br>14:30 |
| S122 | 39840 | (request\$3 or query\$3) same (multicast\$3 or broadcast\$3 or simlcast\$3)          | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                     | OR | ON  | 2008/03/27<br>14:30 |

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| S123 | 8927 | "370"/.clas. and (request\$3 or query\$3) same (multicast\$3 or broadcast\$3 or simulcast\$3)                      | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON  | 2008/03/27<br>14:30 |
| S124 | 201  | "370"/.clas. and (request\$3 or query\$3) near3 retransmission same (multicast\$3 or broadcast\$3 or simulcast\$3) | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON  | 2008/03/27<br>14:31 |
| S125 | 667  | base near3 station with request\$3 near3 (measurement or SNR or value)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/28<br>08:20 |
| S126 | 0    | base near3 station with request\$3 near3 (measurement or SNR or value) near3 from near3 mobile                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/28<br>08:21 |
| S127 | 0    | base near3 station with request\$3 near3 (measurement or SNR or value) with from near3 mobile                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/28<br>08:21 |
| S128 | 330  | base near3 station with request\$3 near3 (measurement or SNR or value) with mobile                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/28<br>08:21 |
| S129 | 45   | base near3 station with request\$3 near3 (measurement or SNR or value) with (sent or transmit\$3) near3 mobile     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/03/28<br>08:29 |
| S130 | 2    | ("5,572,678").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/28<br>09:46 |
| S131 | 0    | ("1ansamwirelessnear31ansamemobile").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/28<br>09:52 |

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| S132 | 7760 | lan same wireless near3 lan same mobile   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2008/03/28<br>09:52 |
| S133 | 47   | lan same wireless near3 lan same mobile same multicast  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON | 2008/03/28<br>09:52 |
| S134 | 14   | mobile same computer near3 readable near3 medium<br>same instruction same software near3 program near3<br>product             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/28<br>14:42 |
| S135 | 0    | base near3 station same computer near3 readable near3<br>medium same instruction same software near3 program<br>near3 product | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/28<br>14:47 |
| S136 | 3    | base near3 station same software near3 program near3<br>product and computer near3 readable near3 medium<br>same instruction  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/28<br>14:48 |
| S137 | 5    | base near3 station same memory same processor same<br>software near3 program near3 product                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/28<br>14:51 |
| S138 | 99   | base near3 station same memory same processor same<br>software near3 program  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/28<br>14:52 |
| S139 | 101  | mobile near3 station same memory same processor same<br>software near3 program  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/28<br>14:56 |
| S140 | 25   | S138 and S139   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/28<br>14:56 |



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| S141 | 2    | ("5,572,678").PN.  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | OFF | 2008/10/03<br>10:03 |
| S142 | 0    | "20030330119"  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON  | 2008/10/03<br>10:04 |
| S143 | 2    | "20030220119"  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON  | 2008/10/03<br>10:04 |
| S144 | 0    | (determin\$3 or calculat\$3) near3 (quality or Qos or gos)<br>with ptm same (multicast\$3 or broadcast)              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/05<br>13:27 |
| S145 | 1    | (determin\$3 or calculat\$3 or measur\$3) near3 (quality or<br>Qos or gos) same ptm same (multicast\$3 or broadcast) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/05<br>13:27 |
| S146 | 1222 | (determin\$3 or calculat\$3 or measur\$3) near3 (quality or<br>Qos or gos) same (multicast\$3 or broadcast)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/05<br>13:28 |
| S147 | 7    | (determin\$3 or calculat\$3 or measur\$3) near3 (quality or<br>Qos or gos) same (multicast\$3 or broadcast) and ptm  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/05<br>13:28 |
| S148 | 26   | (determin\$3 or calculat\$3 or measur\$3) near3 (quality or<br>Qos or gos) and (multicast\$3 or broadcast) same ptm  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/05<br>14:01 |
| S149 | 20   | (send\$3 or transmit\$3 or request\$3 or retransmit\$3)<br>near3 ptp same (quality or qos or gos)                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/06<br>14:23 |

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| S150 | 29  | (send\$3 or transmit\$3 or request\$3 or retransmit\$3)<br>near7 ptp same (quality or qos or gos) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/06<br>14:32 |
| S151 | 118 | (send\$3 or transmit\$3 or request\$3 or retransmit\$3 or<br>resend\$3) near7 ptp and ptm         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/06<br>14:42 |
| S152 | 2   | "20030220119"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/17<br>09:13 |
| S153 | 2   | ("6571112").PN.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | OFF | 2009/09/17<br>10:45 |
| S154 | 2   | ("6529740").PN.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | OFF | 2010/01/11<br>09:23 |
| S155 | 2   | ("5572678").PN.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | OFF | 2010/01/11<br>09:24 |
| S156 | 2   | ("6360076").PN.   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | OFF | 2010/01/11<br>09:24 |
| S157 | 2   | "20030220119"   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                | OR | ON  | 2010/01/11<br>11:45 |

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